## INTERNATIONAL SEARCH REPORT

International application No.
PCT/JP2004/00875

			004/000/30
A. CLASSIFICA Int.Cl <sup>7</sup>	TION OF SUBJECT MATTER H01M8/04, H01M8/10, H01M8/02,	G01N27/06, G01N27/22	
According to Inte	ernational Patent Classification (IPC) or to both national	classification and IPC	
B. FIELDS SEA			
	nentation searched (classification system followed by cla H01M8/04, H01M8/10, H01M8/02,		·
Jitsuyo		nt that such documents are included in the roku Jitsuyo Shinan Koho tsuyo Shinan Toroku Koho	e fields searched 1994-2004 1996-2004
Electronic data b	ase consulted during the international search (name of d	lata base and, where practicable, search te	erms used)
C. DOCUMENT	IS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where ap	propriate, of the relevant passages	Relevant to claim No.
A	JP 2003-132924 A (Yuasa Corp 09 May, 2003 (09.05.03), Claim 4; Par. No. [0018]; Fig (Family: none)	••	1-36
A	US 5624538 A (Siemens AG.), 29 April, 1997 (29.04.97), Column 2, lines 13 to 21, 51 & EP 684469 A2	to 62	1-36
A	JP 2003-507859 A (Siemens AG 25 February, 2003 (25.02.03), Claims 1, 3; Par. Nos. [0011] & US 2002/109511 A1 & WO	, [0012], [0014]	11,33
Further docu	uments are listed in the continuation of Box C.	See patent family annex.	•
* Special categories of cited documents:  document defining the general state of the art which is not considered to be of particular relevance  "E" earlier application or patent but published on or after the international filing date  "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)  "O" document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than the priority date claimed		<ul> <li>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</li> <li>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</li> <li>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art</li> <li>"&amp;" document member of the same patent family</li> </ul>	
17 Sept	al completion of the international search tember, 2004 (17.09.04)	Date of mailing of the international sea 12 October, 2004 (	12.10.04)
	ng address of the ISA/ se Patent Office	Authorized officer	
Facsimile No.	10 (second sheet) (January 2004)	Telephone No.	

## INTERNATIONAL SEARCH REPORT

International application No.
PCT/JP2004/008750

Category*	Citation of document with indication where appropriate of the relevant passages		Relevant to claim No.
A	Citation of document, with indication, where appropriate, of the relevant passages  JP 64-500054 A (University of Strasclyd.), 12 January, 1989 (12.01.89), Page 2, upper right column, line 19 to lower left column, line 9; page 4, lower right column, line 12 to page 5, upper right column, line 11; Fig. 1 & WO 87/5624 A1		1-36
A	JP 11-510311 A (California Institute of Technology), 07 September, 1999 (07.09.99), Page 39, line 8 to page 40, line 2; Fig. 1 & US 5599638 A & WO 97/21256 A1	.0	1-36
A	JP 2002-520778 A (Ballard Power Systems I 09 July, 2002 (09.07.02), Claim 1; Par. No. [0040] & WO 00/2282 A1	inc.),	1-36
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